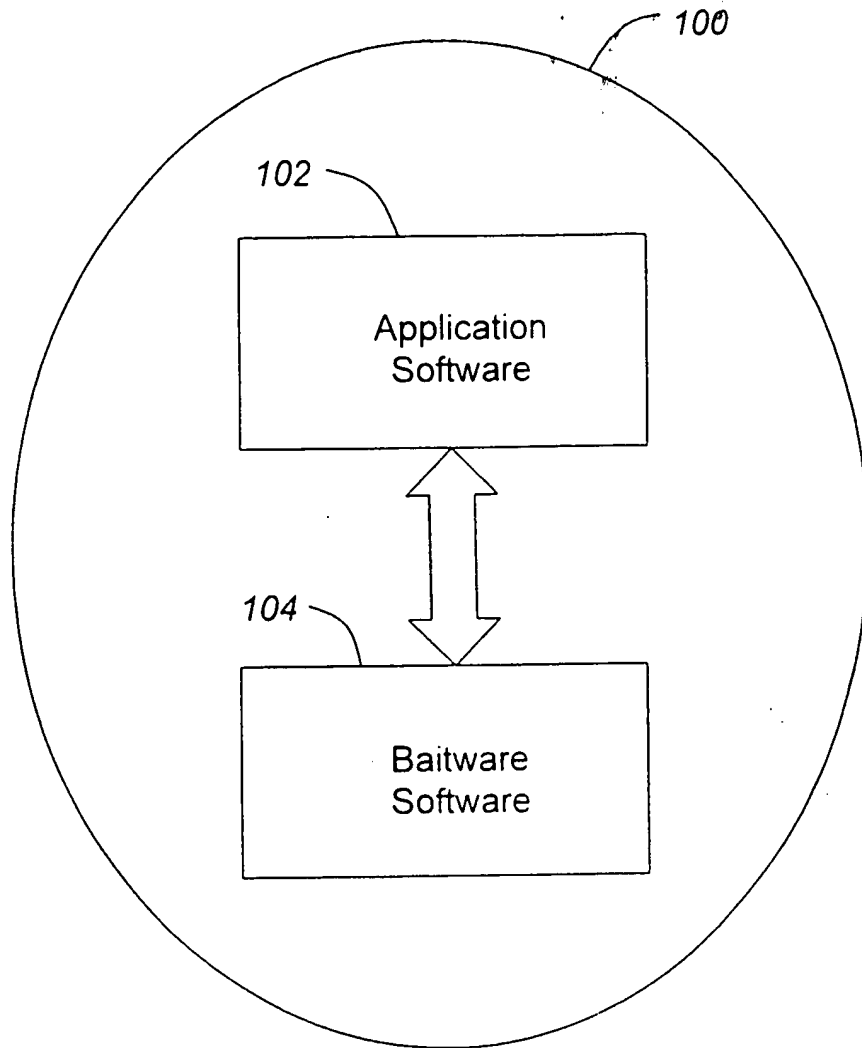


1/12

**FIG. 1**

2/12

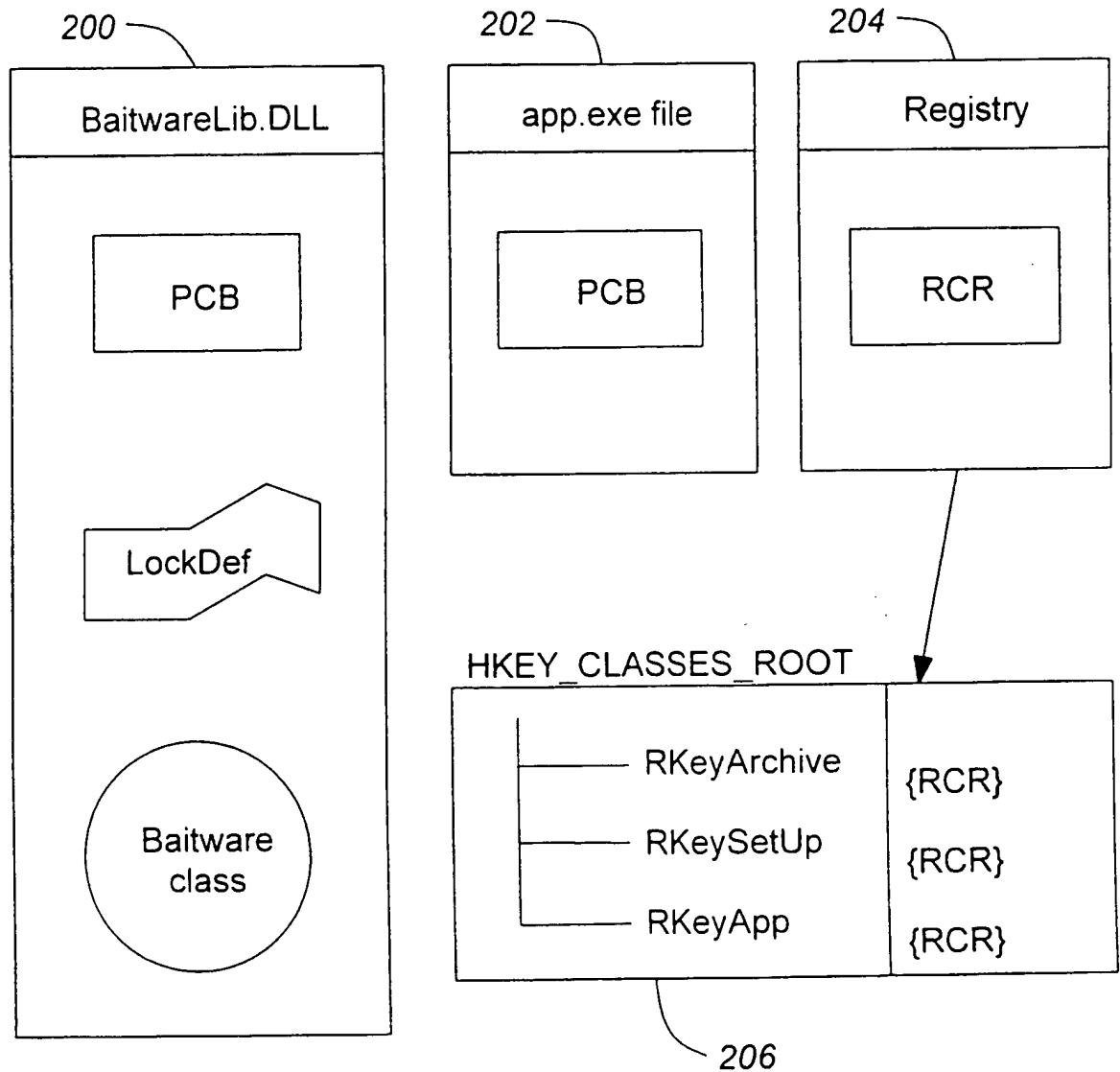


FIG. 2

3/12

300

```

LockDef
//REQUIRED INPUT (these members also occur in the PCB)
UEI          idProg;          //used to create subKeys; a GPID_*value
BITMASK      type;           //date types (TLT_*values)
BITMASK      action;         //action types (TLA_*values)
CTimeSpan    period;         //an expiry period
CTime        date;           //an expiry date
UINT         hid;            //help ID to display
CString      url;            //URL to file or site

//OPTIONAL INPUT OR OUTPUT (these members also occur in the PCB)
int          graceDays;      //number of days to run after expiry; TLA_GRACE must be set
CString      regKey;         //auto or program-supplied key-name for registry; when not
                                //supplied as input, the default name is output in this member
CString      progName;       //name of application which made the call
CString      company;        //company copyright/name of applicator which made the call

//OPTIONAL INPUT OR OUTPUT (these members do NOT occur in the PCB)
UINT*        hexKey;        //program supplied hex-key to search for in the .EXE file
                                //when not supplied as input, the default hex-key is assumed

//PERSISTENT OUTPUT (these members also occur in the PCB)
/ctime       tmExpire;       //serialized expiry date value

//RUN-TIME OUTPUT (these members do NOT occur in the PCB)
HKEY         hkey;           //open registry handle for a program's key
Int          selection;      //user selected action value; one of the TLA_*values
PCB*         pcb;            //allocated PCB as loaded from .EXE file
    
```

FIG. 3

FIG. 4

400

Program Control block (PCB)
//same members as LockDef, except
//for each CString member we have a static UINT array
//only the indicated members of LockDef are duplicated in the PCB
//the members are NOT included in the same order

402

Registry Control Record (RCR)
//this type contains all LockDef members designated
//or the registry, it also includes:
OFFSET offPCB; //previously found offset of PCB in the .EXE file

404

Time Lock Type (TLT) constants for LockDef.type

//INPUT

#define TLT_FIXED_DATE

#define TLT_TIME_PERIOD

#define TLT_NO_ACTION

#define TLT_ACTIVE_CREATE

//OUTPUT

#define TLT_EXPIRED

0x0001 //Program expires on a fixed date

0x0002 //Program expires after a fixed period, after first execution

0x0004 //on expiry do not take action;return action value(s);debugging only

0x0008 //after Baitware creation;automatically calls IsExpired();default;off

0x8000 //indicates the expiry date has been reached

Time Lock Action (TLA) constants for LockDef.action

#define TLA_HELP

#define TLA_CONTINUE

#define TLA_CONNECT

#define TLA_QUIT

#define TLA_REMAINING

#define TLA_GRACE

0x0001 //make a help button available

0x0002 //if this flag is on, a continue button is available

0x0004 //make a connect button available

0x0008 //defined to complete return-value set

0x0010 //always display dialog w/ remaining days to expiry

0x0020 //allow execution for LockDef.graceDays days after expiry

406

5/12

MEMBER	INPUT	OUTPUT	PCB	RCR(1)
UEI	REQUIRED	NO	YES	YES
BITMASK	REQUIRED	NO	YES	NO
CTimeSpan	REQUIRED	NO	YES	NO
CTime	REQUIRED	NO	YES	NO
UINT	REQUIRED(2)	NO	YES	NO
CString	REQUIRED(3)	NO	YES	NO
CString	OPTIONAL	YES	YES	NO
CString	OPTIONAL	YES	YES	YES
CString	OPTIONAL	YES	YES	YES
UINT*	OPTIONAL	YES	NO	NO
Ctime	NO	YES	YES	YES
HKEY	NO	YES	NO	NO
int	NO	YES	NO	NO
PCB*	NO	YES	NO	NO

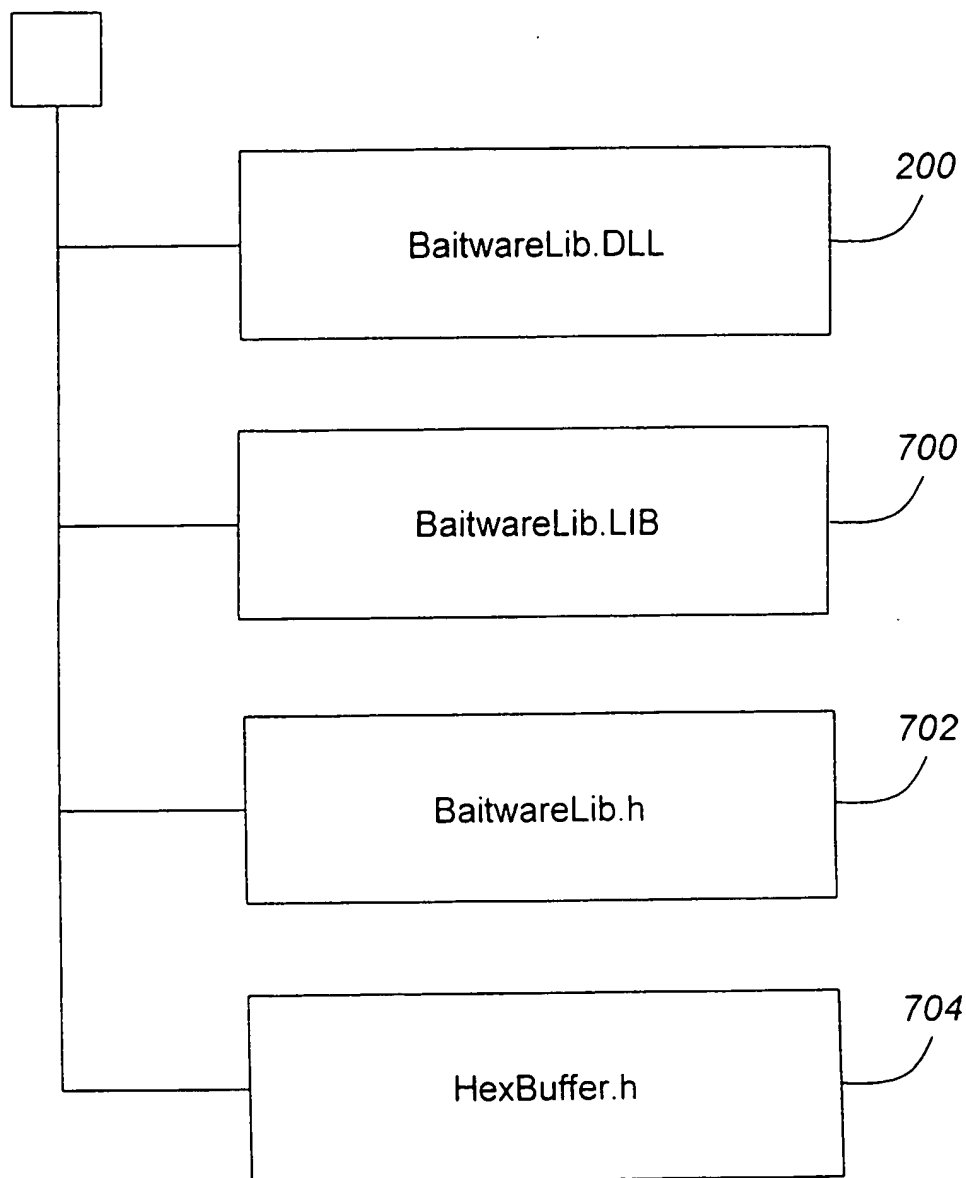
FIG. 5

6/12

<i>Program</i>	<i>Registry Key Variable</i>	<i>Actual Registry Key Name</i>	<i>Registry Key Values</i>	<i>Data Burned-In Program</i>
<app><ver>.exe	RKeyArchive	<val. passed by Archive>	RCR	PCB
setup.exe	RKeySetup	<value passed by Setup>	RCR	PCB
<app>.exe	RKeyApp	<value passed by App>	RCR	PCB

FIG. 6

7/12

**FIG. 7**

8/12

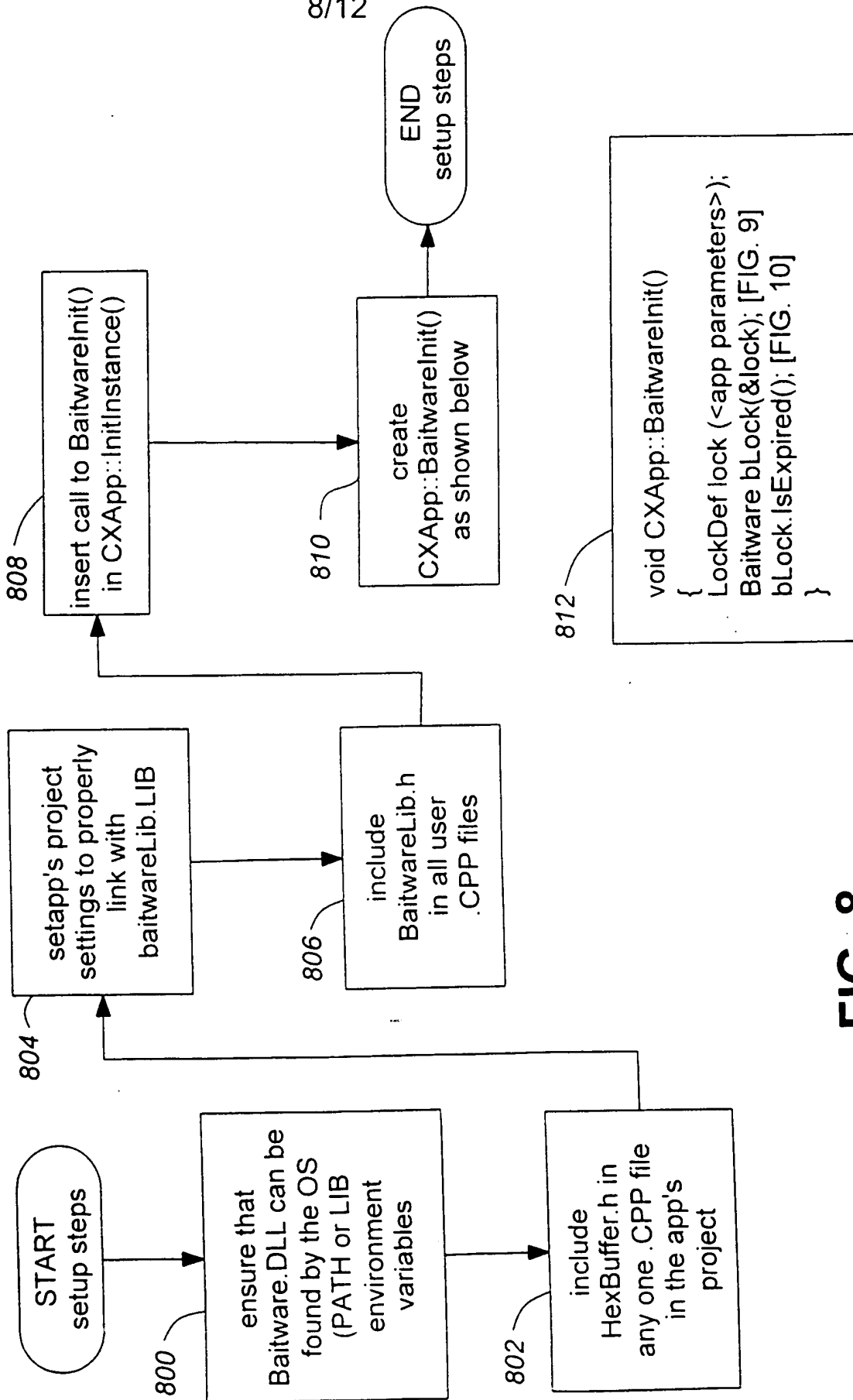


FIG. 8

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10/12

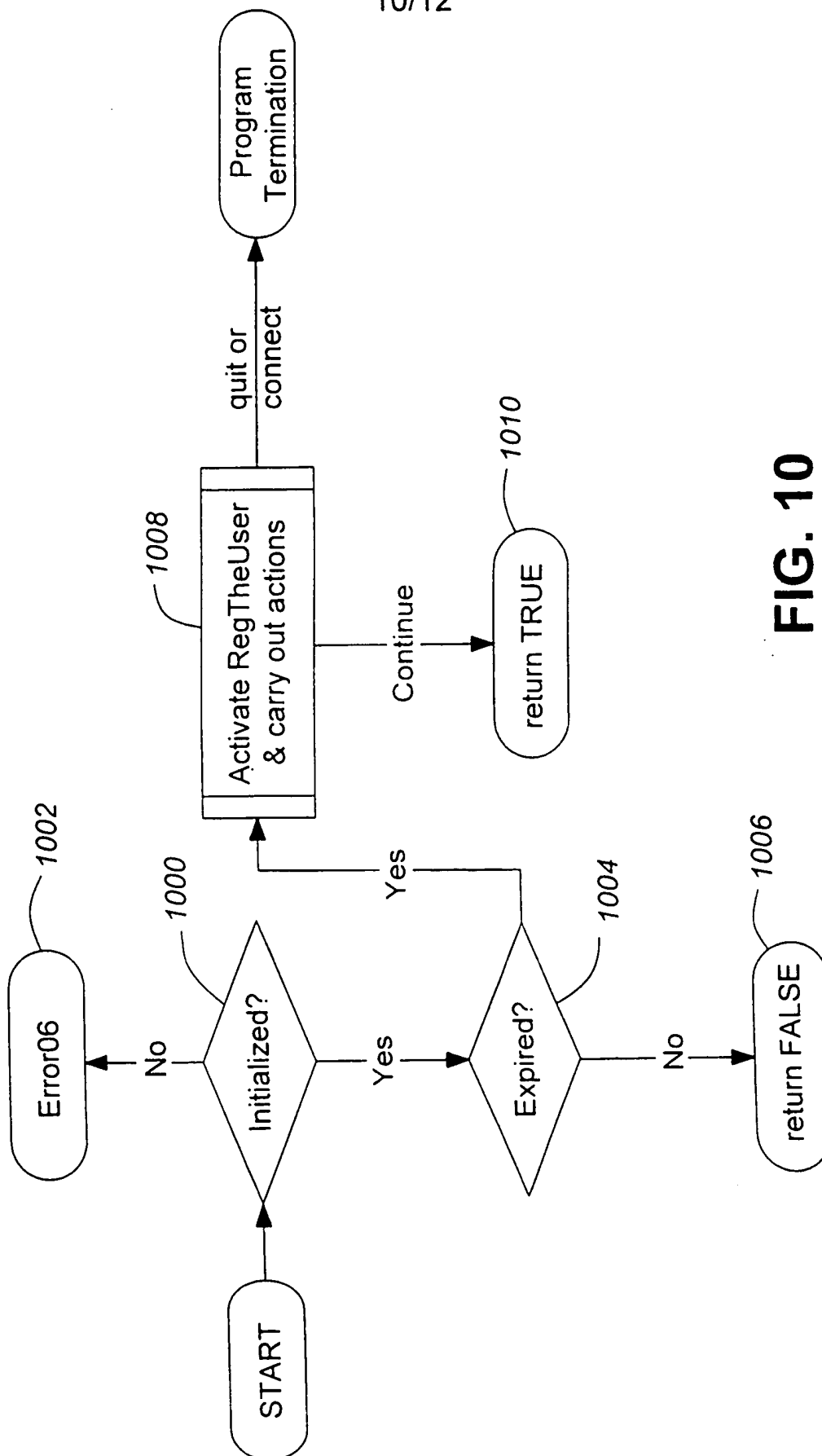


FIG. 10

11/12

1100

No.	Description of Condition	Possible Cause(s)
01	The program's PCB is invalid	A
02	Hex key not found in .EXE file	A
03	There was no registry key found, but the .EXE file was burned-in	B,C
04	Registry key(s) exist, but the .EXE file is not burned-in	D,C
05	The program's PCB does match the RCR in the registry	B,C,D
06	IsExpired called but Baitware is not initialized	E

1102

Cause-ID	Possible Cause of Condition
A	.EXE file for program is invalid or corrupted
B	Registry tampering by user
C	Partially completed uninstall or re-install
D	User previously saved .EXE file and has now copied over installed version
E	Programmer error; the program using Baitware is not initializing the object properly

FIG. 11

12/12

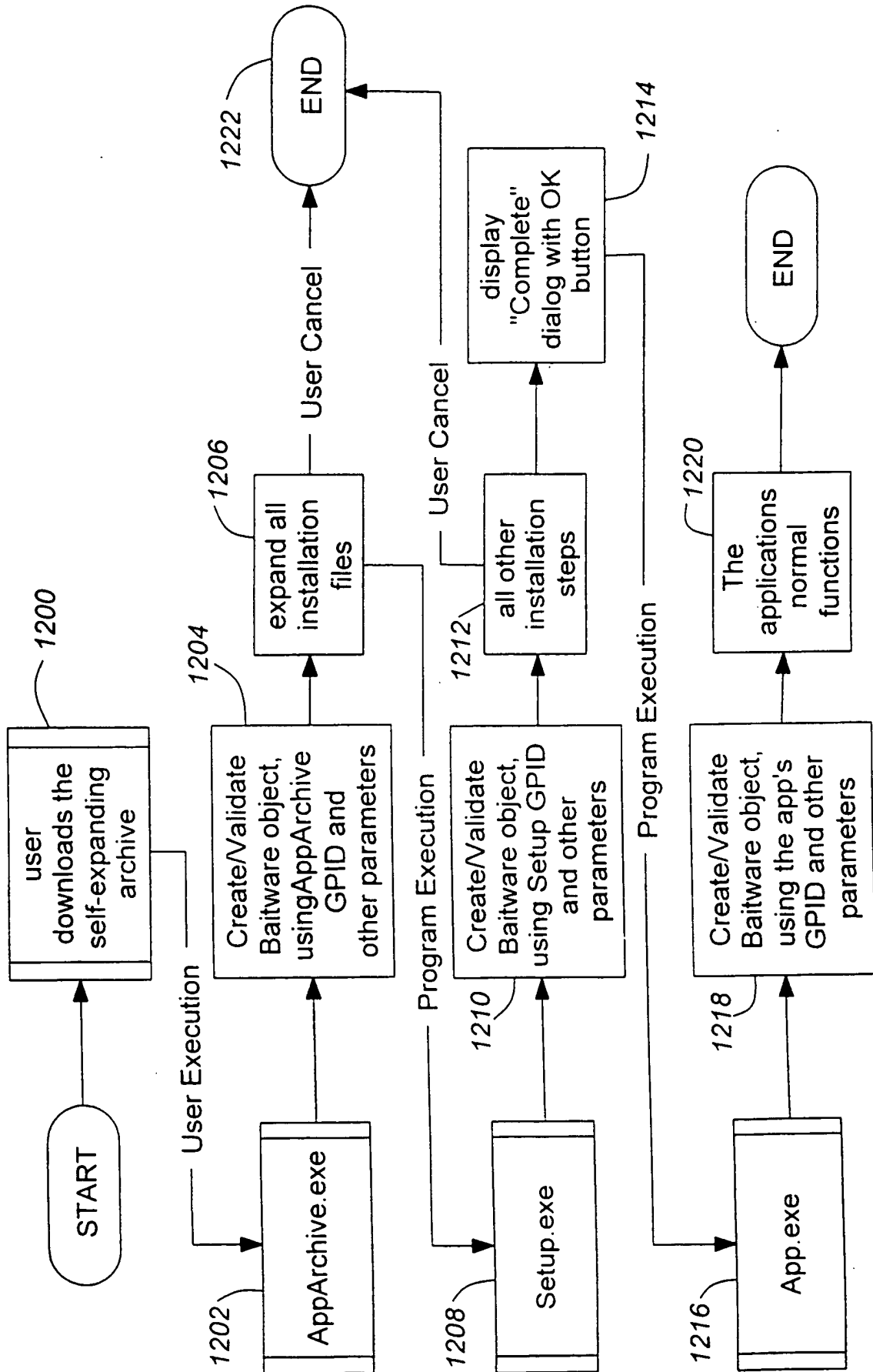


FIG. 12